



Dart Aerospace Ltd.
1270 Aberdeen St
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647.3702

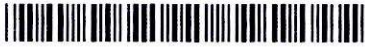
Job Sheet 210651



Part No: 647.3702

Job Qty: 1 pcs

Part Name: 412 Cable Cutter System, High



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 6/16/20

Job Tracking No:

Due Date: 7/10/20

Created By: Jennifer Renwick

Type: Stock

Description: SIOP

Note: DWG 647.3700 REV.A IPP REV:A 12.10.26 NEW ISSUE DD VERF:JLM IPP REV:B 15.01.26 as per ecr 14-214 DD VERF:JLM IPP REV:C AS PER REV NC3 15.03.18 JLM VERIFIED BY:DD IPP REV:D 18.01.19 AS PER DWG REV.A DD VERF:JFS

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup	Run	Workcenter / Supplier	Lead Time	
Hrs	Hrs								
110	Packaging 1 - Pick Kit	1 pcs		7/10/20	0.00	0.00	Packaging 1 - 1		
							Packaging 1 - 2		DAS
							Packaging 1 - 3		80
							Packaging 1 - 4		9-89
							Packaging 1 - 5		JUL 23 2020
							Packaging 1 - 6		
							Packaging 1 - 7		
							Packaging 1 - 8		
							Packaging 1 - 9		
							Packaging 1 - 10		
							Packaging 1 - 11		
							Packaging 1 - 12		
							Packaging 1 - 13		
							Packaging 1 - 14		
							Packaging 1 - 15		
							Packaging 1 - 16		
							Packaging 1 - 17		
							Packaging 1 - 18		
							Packaging 1 - 19		
							Packaging 1 - 20		
							Packaging 1 - 21		
							Packaging 1 - 22		
							Packaging 1 - 23		
							Packaging 1 - 24		
							Packaging 1 - 25		
							Packaging 1 - 26		
							Packaging 1 - 27		
							Packaging 1 - 28		
							Packaging 1 - 29		
							Packaging 1 - 30		



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Container No: S289755



Part: 647.3702

Job No: 210651

Serial No/Batch: S289755

Revision: A

Inspector:

Exp Date:

Instructions: FAA STC SR02289LA 17/03/07, 16/07/2016 STC LoA R

Plex 6/16/20 3:12 PM Dart.Renwick.Jennifer

				Packaging 1 - 31	
				Packaging 1 - 32	
				Packaging 1 - 33	
				Packaging 1 - 34	
				Packaging 1 - 35	
				Packaging 1 - 36	
				Packaging 1 - 37	
120	QC 4	1 pcs	7/10/20	0.00 0.00	QC 4 - 28
					QC 4 - 58
					QC 4 - 69
					QC 4 - 9
					QC 4 - 46
					QC 4 - 68
					QC 4 - 72
					QC 4 - 74
					QC 4 - 75
					QC 4 - 78
					QC 4 - 84
					QC 4 - 80
					QC 4 - 85
130	Packaging 3-1 - Stock - B4B	1 pcs	7/10/20	0.00 0.00	Packaging 3 - 1 - B4B
					Packaging 3 - 2 - B4B
					Packaging 3 - 3 - B4B
					Packaging 3 - 4 - B4B
					Packaging 3 - 5 - B4B
					Packaging 3 - 6 - B4B
					Packaging 3 - 7 - B4B
					Packaging 3 - 8 - B4B
					Packaging 3 - 9 - B4B
					Packaging 3 - 10 - B4B
					Packaging 3 - 11 - B4B
					Packaging 3 - 12 - B4B
					Packaging 3 - 13 - B4B
					Packaging 3 - 14 - B4B
					Packaging 3 - 15 - B4B
					Packaging 3 - 16 - B4B
					Packaging 3 - 17 - B4B
					Packaging 3 - 18 - B4B
					Packaging 3 - 19 - B4B
					Packaging 3 - 20 - B4B
					Packaging 3 - 21 - B4B
					Packaging 3 - 22 - B4B
					Packaging 3 - 23 - B4B
					Packaging 3 - 24 - B4B
					Packaging 3 - 25 - B4B
					Packaging 3 - 26 - B4B
					Packaging 3 - 27 - B4B
					Packaging 3 - 28 - B4B
					Packaging 3 - 29 - B4B
					Packaging 3 - 30 - B4B
					Packaging 3 - 31 - B4B
					Packaging 3 - 32 - B4B
					Packaging 3 - 33 - B4B
					Packaging 3 - 34 - B4B
					Packaging 3 - 35 - B4B
					Packaging 3 - 36 - B4B
					Packaging 3 - 37 - B4B
135	DC - 1 - B4B	1 pcs	7/10/20	0.00 0.00	DC - 1 - B4B
					DC - 2 - B4B

DAS
72
9-89

JUL 2 2020

DAS
72
9-89

JUL 2 3 2020

DAS
2
9-89

JUL 2 4 2020

6/16/2020

[Dart Hawkesbury] Job Sheet - Renwick, Jennifer

DAS

21

JUL 24 2020

140 QC 21 - FG

1 pcs

7/10/20

0.00 0.00

QC 21 - FG - 21

QC 21 - FG - 70

QC 21 - FG - 9

QC 21 - FG - 77

Part Op 110 - (Pick Kit)

Descriptions: 120 - (QC4- 100% Inspect kits for completeness)

130 - Identify and pack for shipping as per PPP 647.3702

135 - (Document Control) Photocopy bluefile & type labels per PPP 647.3702

140 - (QC21- Final Inspection - Work Order Release)

(016615)

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
600.1012 ✓	Sealant PR1425B2 (#654 sem) <i>10/31/2020 Exp Date</i>	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	5264601 ✓
601.2045 ✓	RTV (LOCTITE 598) <i>Exp Date 05/19/2021</i>	1 Ea (1 ea)	110-Packaging 1 - Pick Kit	5278852 ✓
601.3073 ✓	Connector p/n 082-4440	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	5126622 ✓
601.3083 ✓	Adhesive Rubber Seal	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	5265348 ✓
647.3801 ✓	412 Upper Cutter Assembly	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	5271797 ✓
647.3804 ✓	204,205,212,214,412 Lower Cutter Assembly High	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	5262005 ✓
647.3903 ✓	Deflector Assembly	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	5278820 ✓
647.4010 ✓	Wiper Deflector RH	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	5174992 ✓
647.4011 ✓	Wiper Deflector LH	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	5153467 ✓
647.4110 ✓	Doubler	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	5209258 ✓
647.4111 ✓	Doubler	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	5237018 5237307 ✓
647.4112 ✓	Clip	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	5237018 5237018 ✓
647.4113 ✓	Clip	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	5152001 ✓
647.4114 ✓	Shim	2 pcs (2 ea)	110-Packaging 1 - Pick Kit	5270902 ✓
647.4115 ✓	Shim	2 pcs (2 ea)	110-Packaging 1 - Pick Kit	5237313 ✓
647.4116 ✓	Shim	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	5269396 ✓
647.4210 ✓	Bracket LH	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	5203301 ✓
647.4211 ✓	Bracket RH	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	5203321 ✓
647.4310 ✓	LH Lower Strut	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	5262234 ✓
647.4311 ✓	RH Lower Strut	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	5262271 ✓
647.4312 ✓	LH Upper Strut	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	5136890 ✓
647.4313 ✓	RH Upper Strut	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	5267941 ✓
647.4410 ✓	Rail	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	5153642 ✓
AN3-11A ✓	Bolt	8 Ea (8 ea)	110-Packaging 1 - Pick Kit	5287945 ✓
AN3-4A ✓	Bolt	3 Ea (3 ea)	110-Packaging 1 - Pick Kit	5260979 ✓
AN3C10A ✓	Bolt	2 Ea (2 ea)	110-Packaging 1 - Pick Kit	5241209 ✓
CCR264SS-3-03 ✓	Cherry Rivet see item CCR264SS3-3	16 Ea (16 ea)	110-Packaging 1 - Pick Kit	5254987 ✓
CCR264SS3-04 ✓	Rivet	12 Ea (12 ea)	110-Packaging 1 - Pick Kit	5258464 ✓
CR3212-4-2 ✓	Cherry Rivet	12 Ea (12 ea)	110-Packaging 1 - Pick Kit	5283893 ✓
CR3212-4-3 ✓	Cherry Rivet	17 Ea (17 ea)	110-Packaging 1 - Pick Kit	5216020 (x6) ✓ S. 215507 ✓
CR3212-4-4 ✓	Cherry Rivet	4 Ea (4 ea)	110-Packaging 1 - Pick Kit	5163232 ✓
CR3213-4-2 ✓	Cherry Rivet	13 Ea (13 ea)	110-Packaging 1 - Pick Kit	5249574 ✓
CR3213-4-3 ✓	Rivet, Cherry	32 Ea (32 ea)	110-Packaging 1 - Pick Kit	5287191 ✓
CR3213-4-4 ✓	Rivet, Cherry	19 Ea (19 ea)	110-Packaging 1 - Pick Kit	5253020 ✓
CR3213-4-505 ✓	Rivet	42 Ea (42 ea)	110-Packaging 1 - Pick Kit	5264510 ✓
CR3213-4-8 ✓	Rivet	4 Ea (4 ea)	110-Packaging 1 - Pick Kit	5240533 ✓
MS21042L08 ✓	Nut	18 Ea (18 ea)	110-Packaging 1 - Pick Kit	5259890 ✓
MS21042L3 ✓	Nut	79 Ea (79 ea)	110-Packaging 1 - Pick Kit	5267766 ✓
MS21047-3 ✓	Nut Plate	4 Ea (4 ea)	110-Packaging 1 - Pick Kit	5248036 ✓
MS21047L06 ✓	Nut Plate	6 Ea (6 ea)	110-Packaging 1 - Pick Kit	5237844 ✓
MS21047L08 ✓	Nut Plate	6 Ea (6 ea)	110-Packaging 1 - Pick Kit	5271969 ✓
MS21071L3 ✓	Anchor Nut	4 pcs (4 ea)	110-Packaging 1 - Pick Kit	5257379 ✓
MS24694-C53 ✓	Screw	8 Ea (8 ea)	110-Packaging 1 - Pick Kit	5152642 ✓
MS24694-S49 ✓	Screw	1 Ea (1 ea)	110-Packaging 1 - Pick Kit	F129702 ✓
MS27039-08-08 ✓	Screw	16 Ea (16 ea)	110-Packaging 1 - Pick Kit	5228734 ✓
MS27039-08-11 ✓	Screw	2 Ea (2 ea)	110-Packaging 1 - Pick Kit	5020601 ✓
MS27039-1-07 ✓	Screw	12 Ea (12 ea)	110-Packaging 1 - Pick Kit	5193498 ✓
MS27039-1-09 ✓	Screw	14 Ea (14 ea)	110-Packaging 1 - Pick Kit	5133788 ✓
MS27039-1-10 ✓	Screw	42 Ea (42 ea)	110-Packaging 1 - Pick Kit	5259047 ✓
NAS1149F0332P ✓	Washer (AN960-10L)	157 Ea (157 ea)	110-Packaging 1 - Pick Kit	5247891 (x24) 5285 161 (x133) ✓
NAS1149FN832P ✓	Washer (AN960-8)	34 Ea (34 ea)	110-Packaging 1 - Pick Kit	5248080 ✓

Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
110-Packaging 1 - Pick Kit	600.1012	1	21	0
	601.2045	1	22	0
	601.3073	1	1	0
	601.3083	1	5	0
	647.3801	1	1	0
	647.3804	1	3	0
	647.3903	1	2	0
	647.4010	1	10	0
	647.4011	1	9	0
	647.4110	1	7	0
	647.4111	1	8	0
	647.4112	1	8	0
	647.4113	1	2	0
	647.4114	2	16	0
	647.4115	2	10	0
	647.4116	1	12	0
	647.4210	1	2	0
	647.4211	1	1	0
	647.4310	1	12	0
	647.4311	1	12	0
	647.4312	1	2	0
	647.4313	1	8	0
	647.4410	1	5	0
	AN3-11A	8	132	0
	AN3-4A	3	265	0
	AN3C10A	2	14	0
	CCR264SS-3-03	16	371	0
	CCR264SS3-04	12	54	0
	CR3212-4-2	12	12	0
	CR3212-4-3	17	9	0
	CR3212-4-4	4	6	0
	CR3213-4-2	13	266	0
	CR3213-4-3	32	306	0
	CR3213-4-4	19	782	0
	CR3213-4-5	42	114	0
	CR3213-4-8	4	105	0
	MS21042L08	18	757	0
	MS21042L3	79	974	0
	MS21047-3	4	316	0
	MS21047L06	6	33	0
	MS21047L08	6	39	0
	MS21071L3	4	112	0
	MS24694-C53	8	85	0
	MS24694-S49	1	173	0
	MS27039-08-08	16	133	0
	MS27039-08-11	2	301	0
	MS27039-1-07	12	65	0
	MS27039-1-09	14	309	0
	MS27039-1-10	42	160	0
	NAS1149F0332P	157	1,820	0
	NAS1149FN832P	34	1,068	0
Part Specifications				
Specifications could not be found.				

Plex 6/16/20 3:12 PM Dart.Renwick.Jennifer

Entered: _____ Date: _____



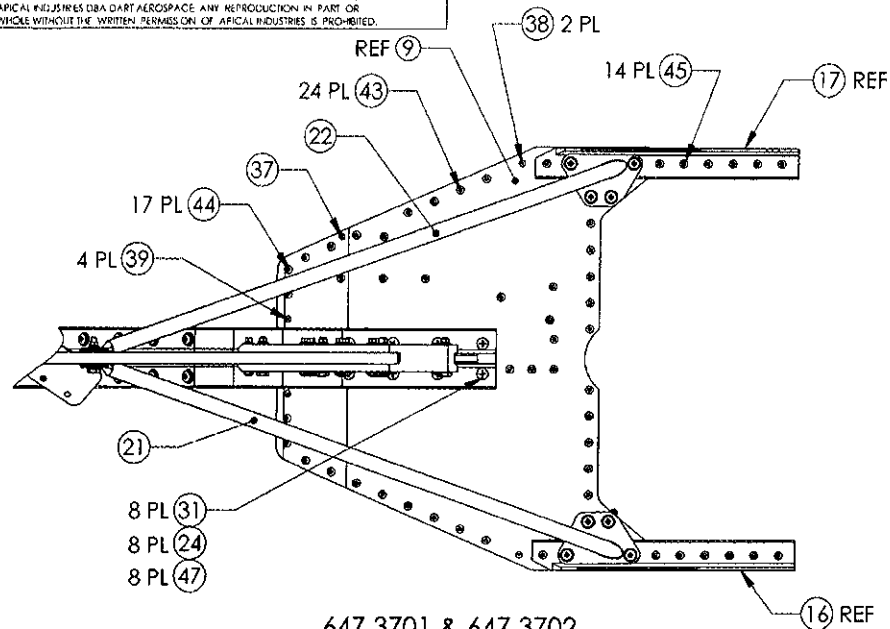
WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

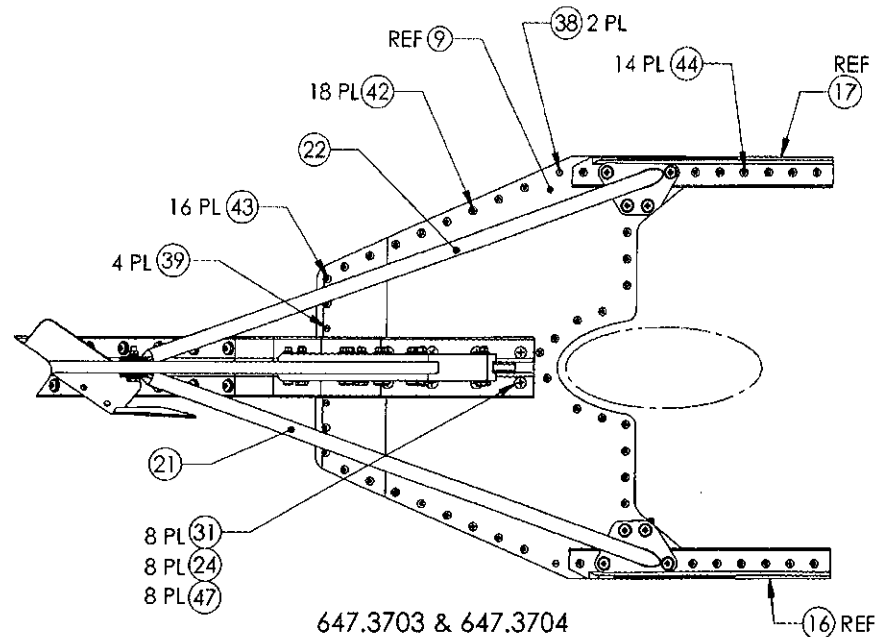
Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date :	Sequence #:	QTY Affected :		MRB (QSI042)	
Description Work Order Deviation		Disposition			
				Completed By	
				Lead hand / Supervisor	
				QC / QA Coordinator	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Presservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details:					

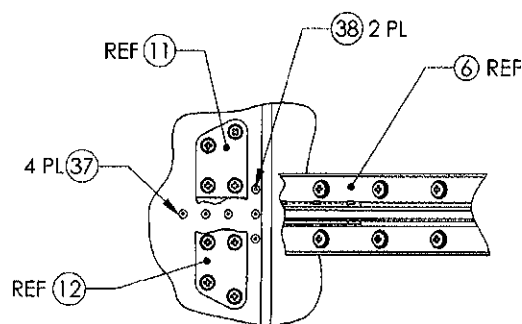
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647.3701 & 647.3702
UPPER CUTTER ASSEMBLY
TOP VIEW



647.3703 & 647.3704
UPPER CUTTER ASSEMBLY
TOP VIEW



DETAIL D
TOP VIEW
BROKEN OUT FOR CLARITY

ORIGINAL DATE (MM/DD/YY)		3030 ENTERPRISE CT, SUITE A VISTA, CA. 92081-8347 (760) 724-5300	
DRAWN BY J. JACKSON	CHECKED BY D. BARNER	DART AEROSPACE	
DRAWING APPROVAL P. BRAVO	CONTRACT NO.	APICAL INDUSTRIES INC. DBA DART AEROSPACE	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.03 3 PLACE DECIMALS ±.010 ANGLES ±.5°		412 CABLE CUTTERS KIT	
REV 8	CAGE CODE 07M26	QWG NO 647.3700	REV A
SCALE NONE		SHEET 3 OF 5	

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BROKEN OUT FOR CLARITY
RH SIDE ONLY

△ LH ⑧
OR
△ RH ⑦

DETAIL C 
LH SHOWN, RH OPPOSITE
2 PL

②⑧ 3 PL
②④ 6 PL
④⑦ 3 PL

⑤③ TRIM TO FIT

②⑥ 3 PL
②④ 6 PL
④⑦ 3 PL

②⑤ 6 PL
②④ 12 PL
④⑦ 6 PL

ORIGINAL DATE 10/02/04 (1)		3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081-8347 (760)724-5300	
DRAWN BY J. JACKSON	CHECKED D. BARBER	DART AEROSPACE	
DRAWING APPROVAL P. BRAY		APICAL INDUSTRIES, INC. DBA DART AEROSPACE	
COMPARISON		412 CABLE CUTTERS KIT	
DIMENSIONS UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONS DECIMALS 3 PLACES DECIMALS 0.001 ANGLES ± 1°		SEE B	CAGE CODE 07M26
		DWG. NO. 647.3700	REV. A
		SCALE NONE	SHEET 5 OF 5